**The Scientific Method involves 7 steps:**

Statement of the Problem

Observation

Hypothesis

Experiment

Results (analyze)

Conclusion

Communication

Statement of Problem- You ask a question about what you observed.

*(TV does not turn on when you press the power button on the remote control)*

Then state the problem or question*.*

*(The remote is not working)*

Hypothesis- You predict what you think the answer to your question might be.

*(Maybe the remote needs a new battery?)*

Experiment- You figure out a way to test

Whether the hypothesis is correct. The

outcome must be something that can

be measured. *(You replace the battery in the remote control)*

Results- You do the experiment using the method you came up with and record the results. You repeat the experiment to confirm your results by retesting.

*(You press the power button again and the TV turns on.)*

State Conclusion- You state whether your prediction was confirmed or not. *(The remote control needed a new battery.)*

Communicate - try to explain and share your results with others. *(Tell others in your family that you “fixed” the remote.)*

Observation - What you experience through your senses!!

What do you see?

What do you hear?

What do you feel (touch)?

Inferences - What you think is happening.

Your opinion of what is happening.